Вариант 10

$$X = \frac{(p^2 - \frac{1}{q^2})^p (p - \frac{1}{q})^{q-p}}{(q^2 - \frac{1}{p^2})^q (q - \frac{1}{p})^{p-q}} \tag{1}$$

$$\begin{cases} \frac{y}{4} - \frac{x}{5} = 6 \\ \frac{x}{15} + \frac{y}{12} = 0 \end{cases} \tag{2}$$

$$\oint_r 2xdx - dy + 4dz \tag{3}$$

$$\sum_{n=1}^{\infty} \frac{2n-3}{5n+1} \tag{4}$$

$$\lim_{x \to 3} \frac{x^2 + x + 2}{x^2 + 2x + 8} = \frac{14}{23} \tag{5}$$

$$A^{-1} = -\frac{1}{2} \begin{pmatrix} 4 & -3 \\ -2 & 1 \end{pmatrix} \tag{6}$$